| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|-----------------------|------------------------------|---------------------|---------|------------------|
| L1 | 1 | ("20010008309").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/07 08:31 |
| L2 | 2307 | (438/14).CCLS. | US-PGPUB; USPAT; USOCR | OR . | OFF | 2006/12/07 10:44 |
| L3 | 7281 | ellipsomet\$4 | US-PGPUB; USPAT | OR | ON | 2006/12/07 10:44 |
| L4 | 154 | 2 and 3 | US-PGPUB; USPAT | OR | ON | 2006/12/07 10:44 |
| L5 | 127 | 4 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/07 10:45 |
| S1 | 1 | 10/751238 | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:29 |
| S2 | 4375 | ellipsometry | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:32 |
| S3 | 631560 | hydrogen | US-PGPUB; USPAT | OR | ON , | 2006/12/05 17:30 |
| S4 | 1598 | S2 and S3 | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:32 |
| S5 | 1325119 | thickness | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:32 |
| S6 | 8288 | S3 with S5 | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:32 |
| S7 | 7268 | ellipsomet\$4 | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:33 |
| S8 | 164 | S6 and S7 | US-PGPUB; USPAT | OR | ON | 2006/12/05 17:34 |
| S9 | 126 | S8 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/07 10:45 |
| S10 | 4375 | ellipsometry | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:04 |
| S11 | 631560 | hydrogen | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:03 |
| S12 | 1598 | S10 and S11 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:03 |
| S13 | 1325119 | thickness | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:04 |
| S14 | 8288 | S11 with S13 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:09 |
| S15 | 469274 | laser | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:08 |

| | <u></u> | | <u> </u> | | | |
|------|---------|---|---------------------|---------|----|------------------|
| S16 | 2526 | S14 and S15 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:04 |
| S17 | 275643 | anneal\$3 heat adj2 treatment | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:05 |
| S18 | 171196 | anneal\$3 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:06 |
| S19 | 11136 | S15 with S18 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:06 |
| S20 | 411 | S14 and S19 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:06 |
| S21 | 309 | S20 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:17 |
| S22 | 7268 | ellipsomet\$4 | US-PGPUB; USPAT | OR · | ON | 2006/12/05 21:06 |
| S23 | 164 | S14 and S22 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:06 |
| S24 | 126 | S23 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:09 |
| S25 | 298 | S21 not S24 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:07 |
| S26 | 62 | S11 with S13 with S15 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:09 |
| S27 | 37 | S17 and S26 | US-PGPUB; USPAT | OR . | ON | 2006/12/05 21:09 |
| S28 | 27 | S27 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:27 |
| S29 | 29207 | S11 same S13 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:27 |
| S30 | 49 | S19 and S22 and S29 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:27 |
| .S31 | 42 | S30 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:44 |
| S32 | 40 | S31 not S28 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:44 |
| S33 | 52 | S10 same S11 same S13 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:44 |
| S34 | 44 | S33 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:44 |
| S35 | 38 | S34 not S32 not S31 not S28 | US-PGPUB; USPAT | OR | ON | 2006/12/05 21:45 |
| S36 | 9 | ("4962065" "5313044" "5798837" "5858819" "5864393").PN. OR | US-PGPUB; USPAT; | OR | ON | 2006/12/06 07:11 |
| | | ("6073464").URPN. | USOCR | | | |

| S37 | 292786 | warn\$3 alarm | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:11 |
|-----|---------|------------------------|------------------------------|----|----|------------------|
| S38 | 295994 | warn\$3 alarm\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:50 |
| S39 | 0 | S36 and S38 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:12 |
| S40 | 102949 | alert\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:12 |
| S41 | 0 | S36 and S40 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:13 |
| S42 | 2210532 | limit | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:13 |
| S43 | 3 | S36 and S42 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:14 |
| S44 | 800727 | hydrogen | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:14 |
| S45 | 9237 | S42 with S44 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:14 |
| S46 | 7268 | ellipsomet\$4 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:15 |
| S47 | 27 | S45 and S46 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:15 |
| S48 | 19 | S47 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:23 |
| S49 | 469274 | laser | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:22 |
| S50 | 1025 | S45 and S49 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:59 |
| S51 | 171347 | anneal\$ | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:23 |
| S52 | 275 | S50 and S51 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:23 |
| S53 | 4 | S38 and S52 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:25 |
| S54 | 3 | S53 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:26 |

| | | | _ | | | |
|-----|--------|-------------------------------------|------------------------------|------|-----|------------------|
| S55 | 1 | S40 and S52 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:26 |
| S56 | 11144 | S49 with S51 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:26 |
| S57 | 53 | S52 and S56 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:26 |
| S58 | 47 | S57 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:51 |
| S59 | 3541 | S44 with S49 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:50 |
| S60 | 353053 | warn\$3 alarm\$3 alert\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:51 |
| S61 | 97 | S59 and S60 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 07:51 |
| S62 | 82 | S61 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:59 |
| S63 | 82 | S62 not S58 not S48 | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:00 |
| S64 | 187986 | amorphous | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:53 |
| S65 | 17 | S63 and S64 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:53 |
| S66 | 184 | S50 and S64 | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:59 |
| S67 | 143 | S66 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 07:59 |
| S68 | 112 | S67 not S65 not S62 not S58 not S48 | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:01 |
| S69 | 604609 | silicon | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:01 |
| S70 | 86 | S68 and S69 | US-PGPUB; USPAT | OR | ON | 2006/12/06 08:02 |
| S71 | 86 | S49 and S70 | US-PGPUB; USPAT | OR | ON | 2006/12/06 10:12 |
| S72 | 1 | 09/111126 | US-PGPUB; USPAT | OR | ON | 2006/12/06 10:13 |
| S73 | 1 | 09/000126 | US-PGPUB; USPAT | OR | ON | 2006/12/06 15:58 |
| S74 | 1 | 10/751238 | US-PGPUB; USPAT | OR . | ON | 2006/12/06 17:35 |
| S75 | 1 | ("6073464").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/06 17:35 |

| S76 | 7268 | ellipsomet\$4 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:19 |
|-----|---------|---|------------------------------|------|-----|------------------|
| S77 | 35325 | bandgap band adj2 gap | US-PGPUB; USPAT | OR | ON | 2006/12/06 17:45 |
| S78 | 35260 | extinction | US-PGPUB; USPAT | OR | ON | 2006/12/06 17:45 |
| S79 | 10 | hydrogeh | US-PGPUB; USPAT | OR | ON | 2006/12/06 17:45 |
| S80 | 631560 | hydrogen | US-PGPUB; USPAT | OR | ON | 2006/12/06 17:45 |
| S81 | 1 | S76 same S77 same S78 same S80 | US-PGPUB; USPAT | OR | ON | 2006/12/06 18:04 |
| S82 | 4 | S76 same S77 same S80 | US-PGPUB; USPAT | OR | ON | 2006/12/06 17:47 |
| S83 | 24 | S76 and S77 and S78 and S80 | US-PGPUB; USPAT | OR | ON | 2006/12/06 17:50 |
| S84 | 3 | S77 same S78 same S80 | US-PGPUB; USPAT | OR | ON | 2006/12/06 18:27 |
| S85 | 553 | S77 with S80 | US-PGPUB; USPAT | OR | ON | 2006/12/06 18:27 |
| S86 | 109 | S78 with S77 | US-PGPUB; USPAT | OR | ON | 2006/12/06 18:28 |
| S87 | 3 | S85 and S86 | US-PGPUB; USPAT | OR | ON | 2006/12/06 19:44 |
| S88 | 1 | ("20040075148").PN. | US-PGPUB; USPAT; USOCR | OR · | OFF | 2006/12/06 20:15 |
| S89 | 10130 | laser with resin | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:15 |
| S90 | 2397077 | recess groove trnech hole opening | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:16 |
| S91 | 1963 | S89 with S90 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:16 |
| S92 | 1827890 | metal | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:16 |
| S93 | 2 | (("20020117559") or ("20020119079")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/06 20:18 |
| S94 | 2 | (("20020117599") or ("20020119079")).PN. | US-PGPUB; USPAT; USOCR | OR . | OFF | 2006/12/06 20:20 |
| S95 | 233 | S91 with S92 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:21 |
| S96 | 207778 | S90 with S92 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:24 |

| S97 | 1285690 | fill\$3 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:24 |
|----------|---------|--------------------------|--------------------|----|-----|------------------|
| S98 | 21911 | S90 with S92 with S97 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:25 |
| S99 | 309 | S91 and S98 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:25 |
| S10 0 | 197640 | polish\$3 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:25 |
| S10 1 | 101 | S99 and S100 | US-PGPUB; USPAT | OR | ON | 2006/12/06 20:26 |
| S10 2 | 45 | S101 and @ad<"20020603" | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:15 |
| S10 3 | 631560 | hydrogen | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:15 |
| S10 4 | 754723 | hydrogen h2 "h.sub.2" | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:15 |
| S10 5 | 35325 | bandgap band adj2 gap | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:16 |
| S10 6 | 35260 | extinction | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:21 |
| S10 7 | 5 | S104 same S105 same S106 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:16 |
| S10 8 | 4 | S107 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:41 |
| S10 9 | 7268 | ellipsomet\$4 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:19 |
| S11 0 | 35325 | S105 same S105 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:20 |
| S11 1 | 48 | S109 same S105 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:20 |
| S11 2 | 155 | S109 same S103 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:20 |
| S11 3 | 1 | S106 and S111 and S112 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:22 |
| S11 4 | 8 | boher.inv. | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:23 |
| S11 5 | 5 | S109 and S114 | US-PGPUB; USPAT | OR | ·ON | 2006/12/06 21:24 |
| S11 6 | 0 | S106 and S115 · | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:23 |
| S11 7 | 0 | S104 and S105 and S115 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:27 |
| S11 8 | 1 | tauc.inv. | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:33 |

| S11 9 | 1 | ("re36671").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/06 21:34 |
|----------|--------|---------------------------------------|------------------------------|----|-----|------------------|
| S12 0 | 1 | ("re36371").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/06 21:39 |
| S12 1 | 411365 | absorption | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:39 |
| S12 2 | 3805 | S78 with S121 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:39 |
| S12 3 | 154 | S109 and S122 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:40 |
| S12 4 | 61 | S105 and S123 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:41 |
| S12 5 | 10 | S104 and S105 and S123 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:41 |
| S12 6 | 8 | S125 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:13 |
| S12 7 | 5 | "6073464" | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:55 |
| S12 8 | 3 | S104 and S127 | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:06 |
| S12 9 | . 0 | S104 and S105 and S127 | US-PGPUB; USPAT | OR | ON | 2006/12/06 21:56 |
| S13 0 | 1 | S104 and S105 and S120 | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:11 |
| S13 1 | 411365 | absorption | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:12 |
| S13 2 | 0 | S104 with S105 with S109 with 58' | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:12 |
| S13 3 | 0 | S104 with S105 with S109 with S131 | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:13 |
| S13 4 | 4 | S104 same S105 same S109 same S131 | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:13 |
| S13 5 | 3 | S134 and @ad<"20031230" | US-PGPUB; USPAT | OR | ON | 2006/12/06 22:14 |